

CLAIMS:

1. A protective casing (12) for an electronic appliance (10) of the type which has a shell (18) in which there is produced an opening (20) closed off by a body (22) made of transparent material with a general flat shape, of the type in which at least one internal peripheral annular area (30) for fixing the transparent body (22) is fixed to an opposite area 5 (32) of the periphery of the opening (20) by fixing and/or positioning means (34) with the interposing of a first decorative cladding (38) between the peripheral area (30) for fixing the transparent body (22) and the fixing and/or positioning means (34), characterized in that the peripheral fixing area (30) is inclined with respect to the overall plane of the transparent body (22).

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2. A protective casing (12) as claimed in the preceding claim, characterized in that the inclined peripheral fixing area (30) extends over the entire periphery of the transparent body (22).

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3. A protective casing (12) as claimed in either one of Claims 1 or 2, characterized in that the substantially flat external face (24) of the transparent body (22) is at least partially clad with a second cladding (55), notably a protective cladding, for example non-scratch, for the external face (24) of the transparent body (22).

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4. A protective casing (12) as claimed in any one of the preceding claims, characterized in that the fixing and/or positioning means (34) include a layer of glue (35).

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5. A protective casing (12) as claimed in any one of the preceding claims, characterized in that the fixing and/or positioning means (34) include at least one insert (56), and in that the first cladding (38) at least partially masks the insert (56).

6. A protective casing (12) as claimed in any one of the preceding claims, characterized in that the angle of inclination of the peripheral fixing area (30) is around 30° with respect to the overall plane of the transparent body (22).

7. A method of manufacturing a protective casing (12) as claimed in the preceding claim, characterized in that: the insert (56) is produced by molding a first material in a first cavity (82), delimited by the impressions (78, 80) of two matrices (74, 76) of a first mold (M1); then the insert (56) is transferred into a second cavity (94) delimited by the impressions (90, 92) of two matrices (86, 88) of a second mold (M2), into which a second transparent material is injected so as to produce the transparent body (22) by molding the second material onto the insert (56).

10 8. A manufacturing method as claimed in the preceding claim, characterized in that, when the insert (56) is being produced, the first decorative cladding (38) is deposited on the area of the insert (56) complementary to the peripheral fixing area (30) of the transparent body (22), by transferring the first decorative cladding (38) which belongs to a film (102) which extends in the cavity (82) of the first mold (M1).

15 9. A manufacturing method as claimed in one of Claims 7 or 8 taken in combination with Claim 3, characterized in that, when the transparent body (22) is molded, the second cladding (55) is deposited on at least part of the external face (24) of the body (22) by transfer of the second cladding (55) which belongs to a film (102) which extends in the 20 cavity (94) of the second mold (M2).

10. A tool for the manufacture of a protective casing (12) as claimed in one of Claims 5 or 6, of the type which has:

- a first mold (M1) consisting of a first bottom matrix (74) and a first top matrix (76) each 25 having an impression (78, 80) so as to delimit a first cavity (82) in which the insert (56) is produced, and
- a second mold (M2) consisting of a second bottom matrix (86) and a second top matrix (88) each having an impression (90, 92) so as to delimit a second cavity (94) into which the insert (56) on which the transparent body (22) is molded is transferred,
- characterized in that the first bottom matrix (74) and the second bottom matrix (86) each 30 have an identical impression (78, 90).

11. A tool as claimed in the preceding claim, characterized in that the first and second top matrices (76, 88) are able to move with respect to the first and second bottom matrices (74, 86).

5 12. A tool as claimed in one of Claims 10 or 11, characterized in that the first and second top matrices (76, 88) are produced as a common top matrix (96) having two impressions (80, 92), in that the first and second bottom matrices (74, 86) are produced as a common bottom matrix (98) having two impressions (78, 90) and in that a common matrix (96) is mounted so as to pivot about an axis (A) orthogonal to the parting line (P) of the
10 molds (M1, M2) so that its pivoting through 180° allows the alternating cooperation of each of these two impressions (80, 92) with each of the impressions (78, 90) in the other two matrices (74, 86).

13. An electronic appliance having a casing as claimed in one of Claims 1 to 6.